



NutriNews

UPDATE:

UofSC Nutrition Research Day: Share, Discover, Connect

Ensuring Trust in Science: Challenges
and Responses in Nutrition

This event is moving online!



South Carolina



Our Nutrition Research Symposium is moving online for the Fall Semester! More information to come soon. In the meantime, if you purchased a ticket for our in-person event, you should be receiving an email from Eventbrite regarding your refund soon. Please contact emkenney@email.sc.edu if you have any questions or concerns.

issn

international society of sports nutrition

The ISSN - Why Go Anywhere Else?!

The International Society of Sports Nutrition is hosting a series of Webinars this summer in the lead-up to their postponed

conference:

- July 22nd, 2020- Fight Sports
- July 29th, 2020- Protein



Congratulations Arnold School of Public Health graduate Julianna Jayne! MAJ Jayne was recognized for her research excellence among SP Corps Officers by being selected as the recipient of the COL Mary Lipscomb Hamrick (MLH) New Horizons research award. She is being recognized in the categories of Lifetime Achievement, New Horizons (<5 years in research), Outstanding Manuscript, and Outstanding Abstract.



**ANH
2020** **Agriculture,
Nutrition and Health
Academy Week**

This year's [Agriculture, Nutrition, and Health Academy Week](#) was a huge success at bringing together a community of researchers, practitioners and policymakers from across the world working at the intersection of agriculture, nutrition and health!

You can view the following presentations from UofSC Affiliates:

Date	Event	UofSC Affiliates Presenting
Wednesday, June 24 th , 2020 from 7:30AM-9:30AM ET	<u>The Drivers of Food Choice team will host a Learning Lab on "Understanding drivers of food choice in changing food environments in LMICS to inform program and policy."</u>	Dr. Christine Blake, Dr. Andrea Warren, Dr. Shilpa Constantinides, & Dr. Edward Frongillo
Tuesday, June 30 th , 2020 from 9:15AM-10:15AM ET	<u>Political and economic dynamics of nutrition and health panel featuring "Stakeholder engagement strategies for policy and programmatic uptake: Lessons from the Drivers of Food Choice Competitive</u>	Dr. Andrea Warren

	<u>Grants Program."</u>	
Thursday, July 2 nd , 2020 from 8:00AM-9:00AM ET	<u>Plenary discussion – Developing guidance for conducting Randomised Controlled Trials in agriculture, nutrition, and health</u>	Dr. Edward Frongillo

We will provide more information and send notification of date/time of affiliate presentations as they become available for these upcoming meetings, so stay tuned!

Recent Dissertation Defenses

Congratulations to these individuals on successfully defending their dissertations in the field of nutrition! We are all so proud!

- **Shilpa Constantinides**
 - Department: Department of Health Promotion, Education, and Behavior
 - Title of Dissertation: Determinants of nutrition agenda-setting in the context of the double burden of malnutrition in Tamil Nadu, India
 - Dr. Constantinides has accepted a research associated position with the Drivers of Food Choice Competitive Grants Program at the University of South Carolina.
- **Elyse Iruhiriye**
 - Department: Department of Health Promotion, Education, and Behavior
 - Title of Dissertation: Understanding the Role of Political Commitment and Coherence Across Sectors and Across National and Sub-National Levels in Enabling Improvements in

Nutrition in Rwanda

- Dr. Iruhiriye has accepted a position at Johns Hopkins University as a research scientist for the project “Data for Decisions to Expand Nutrition Transformation” that is funded by the Bill & Melinda Gates Foundation.
- **Nazratun Nayeem Monalisa**
 - Department: Department of Health Promotion, Education, and Behavior
 - Title of Dissertation: Influences on Parents’ Food Shopping for Children’s Consumption in South Carolina
 - Dr. Monalisa has accepted part-time positions as a research scientist with Core for Applied Research and Evaluation in the Arnold School and as a consultant with Nutrition International which is based in Ottawa.

*If you know of other individuals who have also recently defended in the field of nutrition, please contact emkenney@email.sc.edu.

Recent Affiliate Publications

Abraczinskas M, **Zarrett N.** (2020), Youth Participatory Action Research for Health Equity: Increasing Youth Empowerment and Decreasing Physical Activity Access Inequities in Under-resourced Programs and Schools. *Am J Community Psychol.* doi:10.1002/ajcp.12433

Arent SM, Cintineo HP, Mcfadden BA, Chandler AJ, Arent MA. Nutrient Timing: A Garage Door of Opportunity? *Nutrients.* 2020;12(7):1948. doi:10.3390/nu12071948

Buxton MA, Perng W, Tellez-Rojo MM, Rodriguez-Carmona Y, Cantoral A, Sanchez B, Rivera-Gonzalez LO, Gronlund CJ, Shivappa N, **Hebert JR, O’Neill MS, Peterson KE.** Particulate Matter Exposure, Dietary Inflammatory Index and Preterm Birth in Mexico City, Mexico. *Environmental Research.* 2020:109852. doi:10.1016/j.envres.2020.109852

Devine KA, Viola A, Levonyan-Radloff K, Mackowski N, Bozzini B, **Chandler A, Xu B, Ohman-Strickland P, Mayans S, Farrar-Anton A, Sahler OJZ, Masterson M, Manne S, Arent SM.** Feasibility of FitSurvivor: A technology-enhanced group-based fitness intervention for adolescent and young adult survivors of childhood cancer. *Pediatric Blood & Cancer.* 2020. doi:10.1002/pbc.28530

Kaczynski AT, Eberth JM, **Stowe EW**, **Wende M**, **Liese A**, McLain A, Breneman CB, Josey MJ. Development of a national childhood obesogenic environment index in the United States: differences by region and rurality. *International Journal of Behavioral Nutrition and Physical Activity*. 2020;17(1). doi:10.1186/s12966-020-00984-x

Leroy JL, **Frongillo EA**, Dewan P, Black MM, Waterland RA. Can Children Catch up from the Consequences of Undernourishment? Evidence from Child Linear Growth, Developmental Epigenetics, and Brain and Neurocognitive Development. *Adv Nutr*. 2020; doi:10.1093/advances/nmaa020

Lopez-Pentecost M, Crane TE, Garcia DO, Kohler LN, Wertheim BC, **Hebert JR**, **Steck SE**, Shivappa N, Santiago-Torres M, Neuhouser ML, Hatsu IE, Snetselaar L, Datta M, Kroenke CH, Sarto GE, Thomson CA. Role of dietary patterns and acculturation in cancer risk and mortality among postmenopausal Hispanic women: results from the Women's Health Initiative (WHI). *Journal of Public Health*. 2020. doi:10.1007/s10389-020-01342-8

Madan EM, **Frongillo EA**, Unisa S, et al. Effect of Differences in Month and Location of Measurement in Estimating Prevalence and Trend of Wasting and Stunting in India in 2005-2006 and 2015-2016. *Curr Dev Nutr*. 2020;4(6). Published 2020 May 23. doi:10.1093/cdn/nzaa092

McDonald SM, Yeo S, **Liu J**, **Wilcox S**, Sui X, **Pate RR**. Association between change in maternal physical activity during pregnancy and infant size, in a sample overweight or obese women. *Women Health*. 2020;1-10. doi:10.1080/03630242.2020.1779904

Mclver KL, **Pate RR**, Dowda M, et al. Cross-Country Comparisons of Physical Activity and Sedentary Behavior among 5-Year-Old Children. *Int J Pediatr*. 2020;2020:7912894. Published 2020 Jun 1. doi:10.1155/2020/7912894

Nagata JM, Anicete LM, Cohen CR, **Frongillo EA**, et al. Presence of Older Adolescents in the Household is Associated with Depressive Symptoms Among Women Living with HIV in Kenya. *AIDS and Behavior*. 2020. doi:10.1007/s10461-020-02942-x.

Nguyen TT, Darnell A, Weissman A, Cashin J, Withers M, Mathisen R, Lapping K, Mastro T, **Frongillo EA**. National nutrition strategies that focus on maternal, infant, and young child nutrition in Southeast Asia do not consistently align with regional and international recommendations. *Maternal & Child Nutrition* e12937, doi.org/10.1111/mcn.12937, 2020.

Pate RR, Clennin M, Shull ER, Reed JA, Dowda M. [Poverty Status Moderates the Relationship between Cardiorespiratory Fitness and Academic Achievement](#). *Journal of School Health*. 2020. doi:10.1111/josh.12913.

Pate RR, **Frongillo EA**, Cordan K, Dowda M, McLain AC, **Torres ME**, Brown WH, Bucko A, Shull ER. [Linking Activity, Nutrition, and Child Health \(LAUNCH\): protocol for a longitudinal cohort study of children as they develop from infancy to preschool age](#). *BMC Public Health*. 2020;20(1). doi:10.1186/s12889-020-09023-7.

Shapiro CJ, Collins C, Parker J, Martinez S, Olson S, Weist MD. [Coalescing investments in school mental health in South Carolina](#). *Child and Adolescent Mental Health*. 2020. doi:10.1111/camh.12382.

Sharpe PA, **Bell BA**, **Liese AD**, **Wilcox S**, Stucker J, Hutto BE. [Effects of a food hub initiative in a disadvantaged community: A quasi-experimental evaluation](#). *Health & Place*. 2020;63:102341. doi:10.1016/j.healthplace.2020.102341.

Sweeney AM, **Wilson DK**, **Zarrett N**, Horn MLV, Resnicow K. [The Feasibility and Acceptability of the Developing Real Incentives and Volition for Exercise \(DRIVE\) Program: A Pilot Study for Promoting Physical Activity in African American Women](#). *Health Promotion Practice*. 2020:152483992093957. doi:10.1177/1524839920939572

Tassitano RM, **Weaver RG**, Tenório MCM, Brazendale K, **Beets MW**. [Clusters of non-dietary obesogenic behaviors among adolescents in Brazil: a latent profile analysis](#). *International Journal of Public Health*. 2020. doi:10.1007/s00038-020-01418-y

Troy C, Brunson A, Goldsmith A, Noblet S, **Steck S**, **Hebert J**, Payne J, McCormick D, Friedman D. 2020. [Implementing Community-Based Prostate Cancer Education in Rural South Carolina: a Collaborative Approach Through a Statewide Cancer Alliance](#). *Journal of Cancer Education*,.

Wolf HR, Fair M, King SB, Dunn CG, **Kaczynski AT**. [Exploring Dietary Behavior Differences among Children by Race/Ethnicity and Socioeconomic Status](#). *Journal of School Health*. 2020. doi:10.1111/josh.12915.

Zaltz DA, Hecht AA, Neff RA, **Pate RR**, Neelon B, **O'Neill JR**, Benjamin-Neelon SE. [Healthy Eating Policy Improves Children's Diet Quality in Early Care and Education in South Carolina](#). *Nutrients*. 2020;12(6):1753. doi:10.3390/nu12061753.

Zhang, Y., **Weaver, R.**, Armstrong, B., Burkart, S., Zhang, S. **Beets, M.** [Validity of Wrist-Worn photoplethysmography devices to measure heart rate: A systematic](#)

Recent Affiliate Presentations

- Dr. Susan Steck presented virtually at the MD Anderson Cancer Center Cancer Prevention & Control Grand Rounds on June 5, 2020. The title of her talk was “Dietary patterns and cancer risk: Defining an optimal diet for cancer prevention.”
- Dr. Christine Blake, Dr. Edward Frongillo, and Dr. Andrea Warren all presented at the 5th Agriculture, Nutrition, and Health Academy Week, June 23-July 2, 2020.

Affiliate Abstract Presentations

AACR Special Conference on Environmental Carcinogenesis: Potential Pathway to Cancer Prevention

- Omofuma OO, Turner DP, Peterson LL, **Merchant AT**, Zhang J, **Steck SE**. Dietary advanced glycation end-products (AGEs) and breast cancer in the Prostate, Lung, Colorectal and Ovarian Cancer Screening Trial (PLCO). *AACR Special Conference on Environmental Carcinogenesis: Potential Pathway to Cancer Prevention*; June 22-24, 2019 (published July 2020), Charlotte, NC. doi: 10.1158/1940-6215.ENVCAPREV19-A43

5th Agriculture, Nutrition, and Health (ANH) Academy Week

- **Bhandari S**, Thorne-Lyman AL, Manohar S, Angela KC, West KP. Pre- and post harvest losses pose a risk of household food insecurity among small-scale farmers in Nepal. *5th Agriculture, Nutrition, and Health Academy Week*, June 30-July 2, 2020.

What Food Future? 53rd Annual Conference

- **Draper C, Younginer N**. P26 Identifying Transportation Access Strategies to Advance SNAP-Ed Programming. *Journal of Nutrition Education and Behavior*. 2020;52(7).doi:10.1016/j.jneb.2020.04.071
- **Draper C, Younginer N**. P131 Identifying SNAP Participant Experiences and Environments to Inform Tailored SNAP-Ed Programming. *Journal of Nutrition Education and Behavior*. 2020;52(7). doi:10.1016/j.jneb.2020.04.178

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